

2007 APR 24 Fri 4: 53

4328.68147

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arihiro Takeda  
Serial No.: 10/719,714  
Conf. No.: 3416  
Filed: 11/21/2003  
For: VERTICALLY-ALIGNED (VA)  
LIQUID CRYSTAL DISPLAY DEVICE  
Art Unit: 2871  
Examiner: Nguyen, Dung T

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

18 Apr 07   
Date Registration No. 29,367  
Attorney for Applicant(s)

REQUEST FOR A REFUND TO DEPOSIT ACCOUNT 07-2069

Refunds Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22213-1450

Sir:

Deposit Account No 07-2069 was charged \$180 on January 25, 2007 under fee code 1806 for submission of an Information Disclosure Statement (IDS). On September 27, 2006, a request for an acknowledgement of a first IDS previously filed on July 31, 2006 and of a reference in a second IDS previously filed on November 21, 2003, was sent to the USPTO. A copy of this correspondence is attached. Apparently lacking a record of the first IDS, the USPTO improperly charged a \$180 fee. Since the first IDS was already properly filed on July 31, 2006, the USPTO should not have charged a \$180 fee. Therefore, the applicants believe the fee to be improper.

Applicant therefore respectfully requests a refund in the **total amount of \$180.00**. The \$180.00 refund should be credited to Deposit Account No. 07-2069. A copy of the monthly deposit account statement is enclosed.

Should there be any questions regarding this Request for a Refund, please contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By 

Patrick G. Burns  
Registration No. 29,367

April 18, 2007  
300 South Wacker Drive  
Suite 2500  
Chicago, Illinois 60606  
Telephone: 312.360.0080  
Facsimile: 312.360.9315  
Customer No. 24978

COPY

In re Patent Application of  
Takeda et al.

Serial No.: 10/719,714

Filed: November 21, 2003

For: VERTICALLY ALIGNED (VA)...

Enclosed please find an Information Disclosure Statement (in duplicate) with copies of Japanese Communications (with English translations); Form PTO-1449 with copies of cited foreign references; and Certificate of First Class Mailing.

Commissioner for Patents

Please acknowledge receipt of the above-identified documents by applying the Patent and Trademark Office receipt hereto and mailing this card.

Respectfully,

GREER, BURNS & CRAN, LTD.



PATENT APPLICATION

File No. 4328.68147

JCS:keh

July 31, 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re U.S. Patent Application

Applicant: Takeda et al.

Serial No. 10/719,714

Filed: November 21, 2003

For: VERTICALLY-ALIGNED  
(VA) LIQUID CRYSTAL  
DISPLAY DEVICE

Art Unit: 2871

Examiner: Nguyen, D.

Conf. No.: 3416

**COPY**

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

July 31, 2006

Date  
F-CLASS.WCM

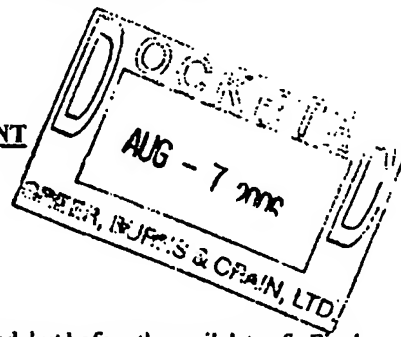
Appr. February 20, 1998

Registration No. 47,954

Attorney for Applicant

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(c), after the C.F.R. §1.97(b) time period, but before the mail date of a Final Office Action or a Notice of Allowance (whichever occurs first), with either:

- (a) a statement under 37 C.F.R. §1.97(e); or
- (b) the \$180.00 fee under 37 C.F.R. §1.17(p).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

**(X) Statement Under 37 C.F.R. §1.97(e):**

**(X)** The enclosed references were cited in Communications issued by the Japanese Patent Office. Applicant(s) hereby certify that each item of information cited on the enclosed Form PTO-1449 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Information Disclosure Statement. Copies of the Japanese Communications (with English language translations) are also enclosed.

**( )** Applicant(s) hereby certify that no item of information cited on the enclosed Form PTO-1449 was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information cited on the enclosed Form PTO-1449 was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

**( )** Enclosed is a check for \$180.00 to cover the fee as set forth in 37 C.F.R. § 1.17(p).

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Customer No. 24978  
July 31, 2006  
300 South Wacker Drive, Suite 2500  
Chicago, Illinois 60606  
Telephone: (312) 360-0080  
Facsimile: (312) 360-9315  
P:\DOCS\4328\68147\A17506.DOC

Respectfully submitted,  
GREER, BURNS & CRAIN, LTD.

By:

*Josh C. Snider*  
Josh C. Snider, Reg. No. 47,954

Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 4328.68147

Serial No.: 10/719,714

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Takeda et al.

Filing Date: November 21, 2003

Group: 2871

### U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,266,166	July 24, 2001	Katsumata et al.			

### FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	07-225389	Aug. 22, 1995	Japan			Abs.	
	07-147426	June 6, 1995	Japan			Abs.	
	08-029790	Feb. 2, 1996	Japan			Abs.	
	9-105908	March 22, 1997	Japan			X*	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JP 9-105908 corresponds to U.S. Patent No. 6,266,166

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COPY

22387 6 PTO  
10/7/98 14

In re Patent Application of  
Takeda et al.  
Div. of Serial No. 09/097,027  
Filed: June 12, 1998  
For: VERTICALLY ALLIGNED (VA) LIQUID  
PATE

PATENT APPLICATION  
2803.68147  
JCS:keh  
November 21, 2003



112103

Enclosed is a Notification of Filing of Divisional Application; Request for Filing Divisional application (in duplicate), with check for \$2,048.00; 216 pages of Specification, including 148 claims, 1 abstract, 1 page Cover Sheet, 246 sheets of Formal Drawings; Preliminary Amendment with 8 marked up Sheets of Drawings Showing Changes; Submission of Formal Drawings, with 8 Sheets of Replacement Drawings; Letter to Draftsman (with 8 sheets of marked up drawings); 13 pages of Executed Declaration of Power of Attorney; Information Disclosure Statement (in duplicate); Form PTO-1449, with copies of cited foreign references; and Certificate of Express Mailing No. EX 846178015 US.

Commissioner for Patents

Please acknowledge receipt of the above-identified documents by applying the Patent and Trademark Office receipt hereto and mailing this card.

Respectfully,

GREER, BURNS & CRAIN, LTD.

**COPY**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application )

Applicant(s): Takeda et al. )

Divisional of )

Serial No.: 09/097,027 )

Filed: June 12, 1998 )

For: VERTICALLY-ALIGNED  
(VA) LIQUID CRYSTAL  
DISPLAY DEVICE (as amended) )

Art Unit: 2871 )

Examiner: Nguyen, D. )

I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

November 21, 2003

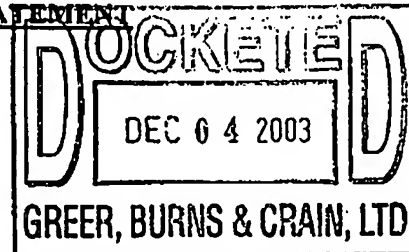
Date

Express Mail No. EL 846178015 US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:



This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

November 21, 2003

300 South Wacker Drive – Suite 2500  
Chicago, Illinois 60606  
Telephone: (312) 360-0080  
Facsimile: (312) 360-9315  
Customer Number 24978

F:\DATA\WP60\2803\68147\IDS Time Period 1 &amp; 2.DOC

Respectfully submitted,

GREER, BURNS &amp; CRAIN, LTD.

By: 

Josh C. Smider

Registration No. 47,954

# COPY

Sheet 2 of 8

Form PTO-1449 U.S. Department of Commerce  
(Rev. 8-88) Patent and Trademark Office

Attorney Docket No.: 2803.68147

Serial No.: 09/907,027

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Applicant: Takeda et al.

Filing Date: November 21, 2003

Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
DN	5,309,624	May 10, 1994	Nishikawa			
	5,757,451	May 26, 1998	Miyazaki et al.			
	5,907,380	May 25, 1999	Lien			
	6,147,729	Nov. 14, 2000	Kurauchi et al.			
DN	5,745,206	Apr. 1998	Koike et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
DN	JP 10-048634	Feb. 20, 1998	Japan	-	-	Abs.	
DN	JP 1-189629	July 28, 1989	Japan	-	-	Abs.	
DN	JP 1-196020	Aug. 7, 1989	Japan	-	-	Abs.	
DN	JP 2-151830	June 11, 1990	Japan	-	-	Desc. Only	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Soref et al.; "Electrically Controlled Birefringence of Thin Nematic Films"; <i>Journal of Applied Physics</i> , vol. 43, no. 5, May 1972, pp.2029 - 2037

Examiner

DN/UY/ON

Date Considered

11/12/04

\*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Document code: WFEE

United States Patent and Trademark Office  
Sales Receipt for Accounting Date: 01/25/2007

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Adjustment Date: 05/09/2007 SDIRETA1  
01/25/2007 ADAVID 00000003 072069 10719714  
01 FC:1806 180.00 CR